

### Abstract of the Disclosure

SEMICONDUCTOR DEVICE HAVING A THERMOSET-CONTAINING  
DIELECTRIC MATERIAL AND METHODS FOR FABRICATING THE SAME

A semiconductor device having a thermoset-containing, dielectric material and methods for fabricating the same is provided. The device may take the form of a printed circuit board, an integrated circuit chip carrier, or the like. The dielectric material is a non-fibrillated, fluoropolymer matrix that has inorganic particles distributed therein and is impregnated with a thermoset material.